

YUJI TABATA

Software Engineer

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in yuji-tabata

🌐 yuji.page

EXPERIENCE

Software Engineer

SoftBank Corp.

📅 Apr. 2018 – Ongoing

📍 Tokyo, JAPAN

- Leading the development of a new feature of SoftBank's employee mobile app: coordinating the work of 4 different teams.
- Migrated GitLab, Kanboard (a Kanban tool), and other server software from on-premises servers to Google Cloud Platform: mostly using Google Kubernetes Engine.
- Designed and built a check-in system for shuttle buses.
- Developed PC usage monitoring software, which sends the information of currently active windows to the server.
- Built a web dashboard for smart CCTVs.
- Demonstrated a web conferencing system to over 200 engineers at a tradeshow in Cambridge, UK.

Intern

Cyber Defence Institute, Inc.

📅 Jun. 2017

📍 Tokyo, JAPAN

- Wrote a fuzzing tool for MQTT servers to find a security hole.
- Leaned about practical computer secu.

EDUCATION

M.S. in Information Science

Tohoku University

📅 Apr. 2016 – Mar. 2018

📍 Sendai, JAPAN

- Researched the safety of messaging protocols.
- Studied the mathematical foundation of modern cryptography.

B.E. in Computer Science

Tohoku University

📅 Apr. 2012 – Mar. 2016

📍 Sendai, JAPAN

- Researched the methods of computer program verification.
- Studied the logics and the theory of computation.

CERTIFICATES

Certified Kubernetes Application Developer

📅 Oct. 2019

Cloud Native Computing Foundation

Applied Information Technology Engineer

📅 Jun. 2014

Information-Technology Promotion Agency, Japan

SUMMARY

I am a dexterous software engineer with a lot of ground-up software development experience on a wide variety of platforms.

SIDE PROJECTS

🚗 Bluetooth-Controlled Car

▶ Video 🍏 iOS app 🍷 Arduino

Control a toy car with your iPhone

🍡 NFC Candy Dispenser Machine

▶ Video 🍷 Arduino

Scan an NFC tag to get candies

FUN FACTS

🔪 "Emotenashi" Instant Drawing Club
Drew hundreds of people at events.

👤 Survival in India for 2 Weeks
Robbed of everything on day 1 except for my passport and a flight ticket.

🎭 Shakespeare Company Japan
Performed as an actor in many places including Tokyo and tsunami-hit areas.

SKILLS

Project Leadership

System Design

GCP

Firebase

Docker

Kubernetes

Web

iOS

Android

Arduino

Linux

macOS

Windows

Spring

Django

Actix

React

Swift

Kotlin

Java

Go

Python

TypeScript

JavaScript

C

C#

Rust

Shell

Lisp

Haskell

LANGUAGES

Japanese
English
Mandarin
Spanish

